

## INTERNATIONAL SEARCH REPORT

REC'D PCT/ISA 22 JUL 2004  
 International Application No  
 PCT/IB 02/05711

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B20/10 H04B14/04 G10L21/02 H03M1/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G11B H04B G10L H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ARSLAN L ET AL: "New methods for adaptive noise suppression", ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, 1995. ICASSP-95., 1995 INTERNATIONAL CONFERENCE ON DETROIT, MI, USA 9-12 MAY 1995, NEW YORK, NY, USA, IEEE, US, PAGE(S) 812-815 XP010151342 ISBN: 0-7803-2431-5 page 812, right-hand column -page 814, right-hand column ---	1-10
A	EP 1 033 817 A (NIPPON COLUMBIA) 6 September 2000 (2000-09-06) page 2, line 53 -page 4, line 36 ---	1-10
A	US 4 151 469 A (FRUTIGER PETER) 24 April 1979 (1979-04-24) abstract column 4, line 52 -column 4, line 60 --- -/--	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

11 April 2003

Date of mailing of the international search report

25/04/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HEJN K ET AL: "GENERALIZED MODEL OF THE QUANTIZATION ERROR - A UNIFIED APPROACH" , IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, IEEE INC. NEW YORK, US, VOL. 45, NR. 1, PAGE(S) 41-44 XP000557104 ISSN: 0018-9456 page 43, left-hand column, paragraph 1 ---	1-10
P,A	WO 02 082427 A (KONINKL PHILIPS ELECTRONICS NV) 17 October 2002 (2002-10-17) cited in the application abstract -----	1-10

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International patent family members

International Application No

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